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EUROPEAN PATENT APPLICATION

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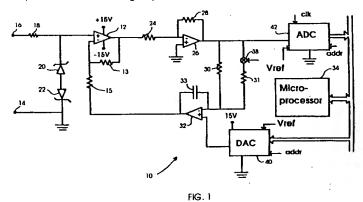
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(54) Method and apparatus for phase related cardiac defibrillation

(57) An implantable cardioverter/defibrillator and method for its use are disclosed. A sensing electrode (14, 16) provides an ECG signal to the defibrillator, this signal is amplified (12, 26) and evaluated for the presence of a tachyarrhythmia. The phase of the ECG signal is sensed during a detected fibrillation or tachycardia and this determines the phase of the stimulating output

signals. The ECG may be continously sensed during the application of the defibrillating output and each output is held constant until a threshold crossing of the ECG is detected, whereupon the defibrillating output is changed





PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 94 11 2555 shall be considered, for the purposes of subsequent proceedings, as the European search report

Category	DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document with indication, where appropriate, Relevant		Relevant	CLASSIFICATION OF TH
	of relevant passages		to claim	APPLICATION (IntCL6)
Α	US 4 998 531 A (CARDIAC	PACEMAKERS, IN	12-14,	A61N1/39
	* the whole document *		17-21	
A	US 4 967 747 A (VENTRIT	EX, INC.)	1,2,5-7, 9,10,13, 14,16,	
	* the whole document *		20,21	
	EP 0 589 251 A (CARDIAC	•	13,15,	
	* column 4, line 5 - co	umn 9, line 30	*	
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				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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	MPLETE SEARCH			
out a mean	Division considers that the present Europeans of the European Patent Convention to such ingful search late the state of the art on the larched completely:	patent application does not an extent that it is not pos axis of some of the claims.	comply with sible to carry	
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X: partice Y: partice Socura A: techno		3 April 1997 T: theory or p E: earlier pate after the fi D: document L: document	rinciple underlying the is mit document, but publis, ling date cited in the application isted for other reasons	rcier, D



European Patent Office

EP 94 11 2555 - C -

INCOMPLETE SEARCH

The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims.

Claims searched completely:

1-21

Claims searched incompletely:

Claims not searched:

22-27

Reason for the limitation of the search: Method for treatment of the human or animal body by surgery or therapy (see Art. 52(4) of the European Patent Convention).

EPO Form

Supplementary Sheet C (1996)

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